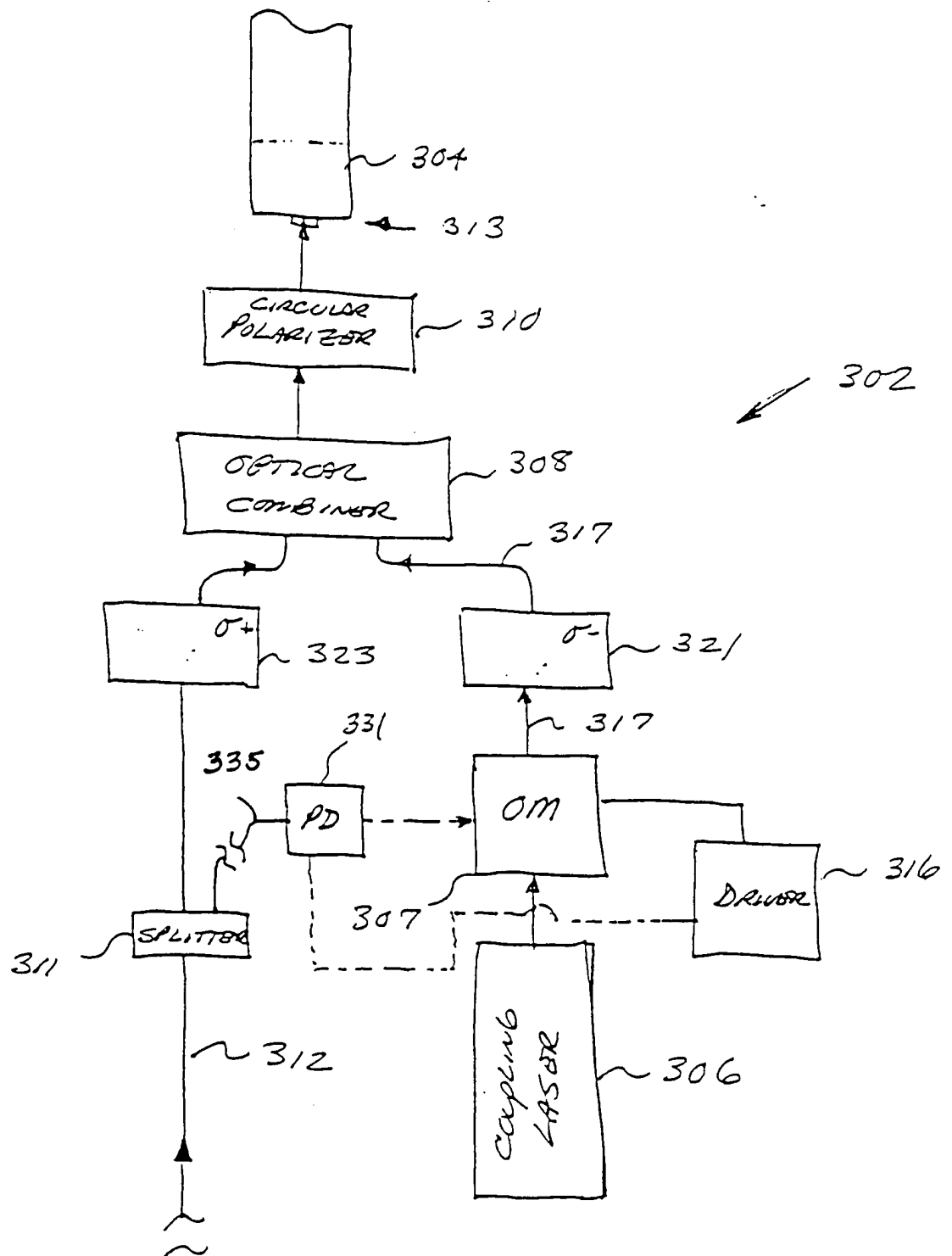




# REPLACEMENT SHEET

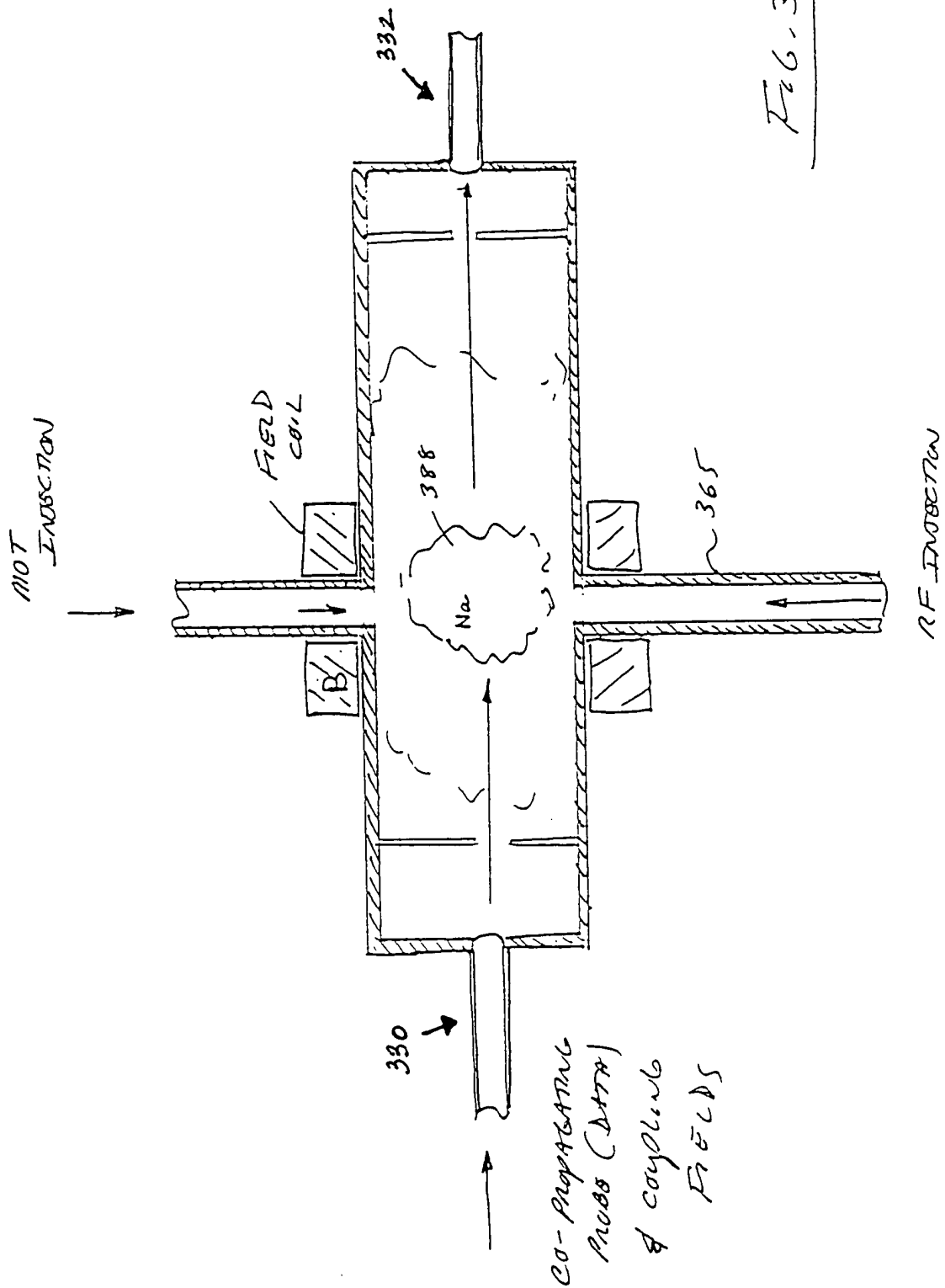


PROBE LASER  
MODULATOR  
EDFA

Fig. 3

(PART 1 OF 2)

# REPLACEMENT SHEET



The diagram illustrates a laser system for measuring the optical Kerr effect. At the bottom, a "PROBE LASER" feeds into a modulator "OM" (labeled 307). The output of the OM passes through an amplifier "A" and then a switch "S" (labeled 312). The switch "S" has two outputs: one labeled "Y" leading upwards, and another labeled "X" leading to a photodetector "PD" (labeled 331). The PD is connected to a "COMB." (combiner, labeled 317) block. The "COMB." block also receives input from a "COUNTER LASER" (labeled 306) via a dashed line. The output of the COMB. goes to a "POLAR." (polarizer, labeled 310) block. The output of the polarizer is directed towards a waveplate "Lz'" (labeled 304). Coordinate axes are shown:  $L_x$ ,  $L_y$ ,  $L_x'$ , and  $L_y'$ . An arrow labeled "DOWNSTREAM" points away from the waveplate. Other components include "PROC." (processor) blocks (labeled 399) connected to various parts of the system via dashed lines.

Fig 6

# REPLACEMENT SHEET

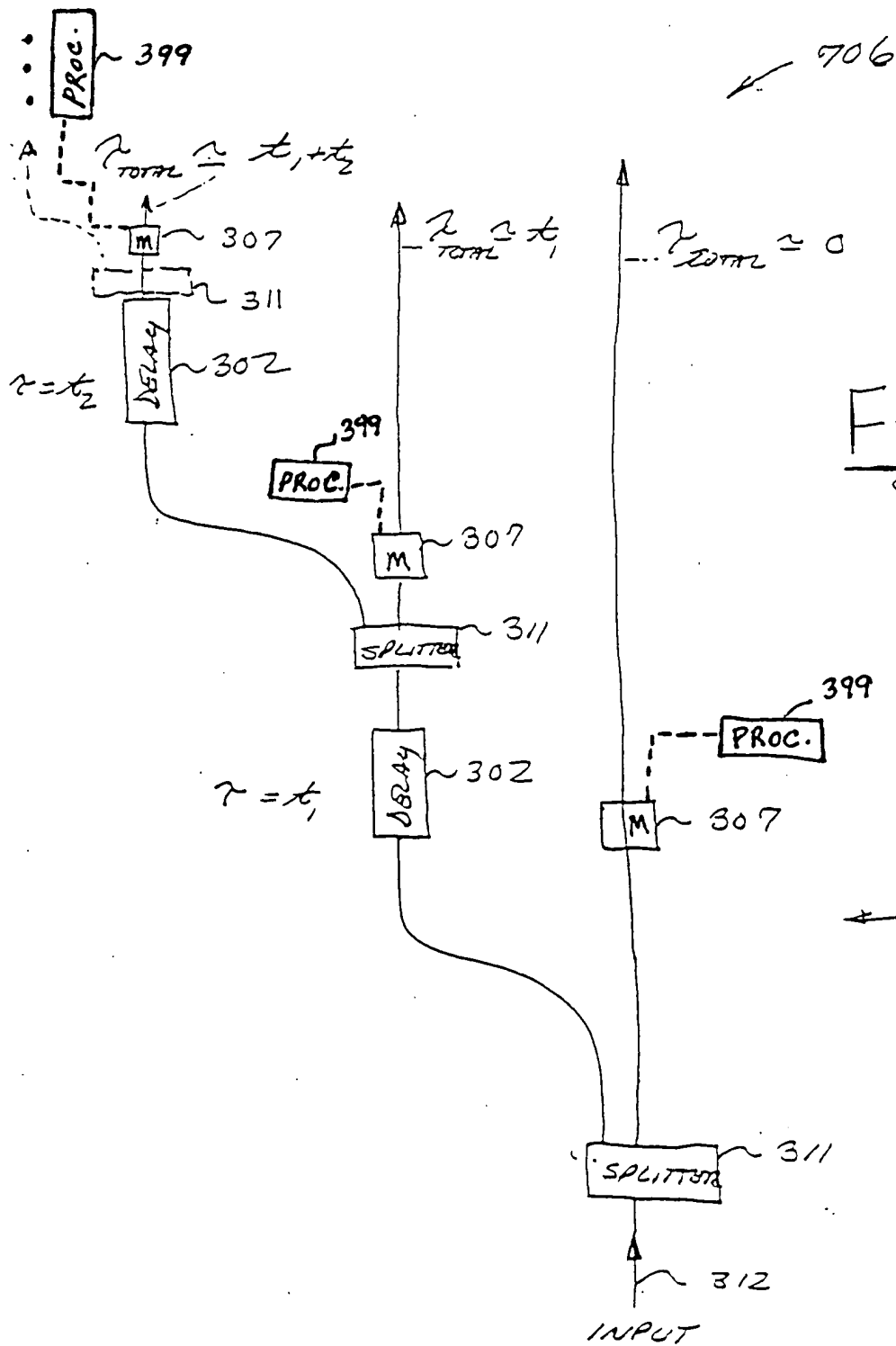


Fig. 7a

# REPLACEMENT SHEET

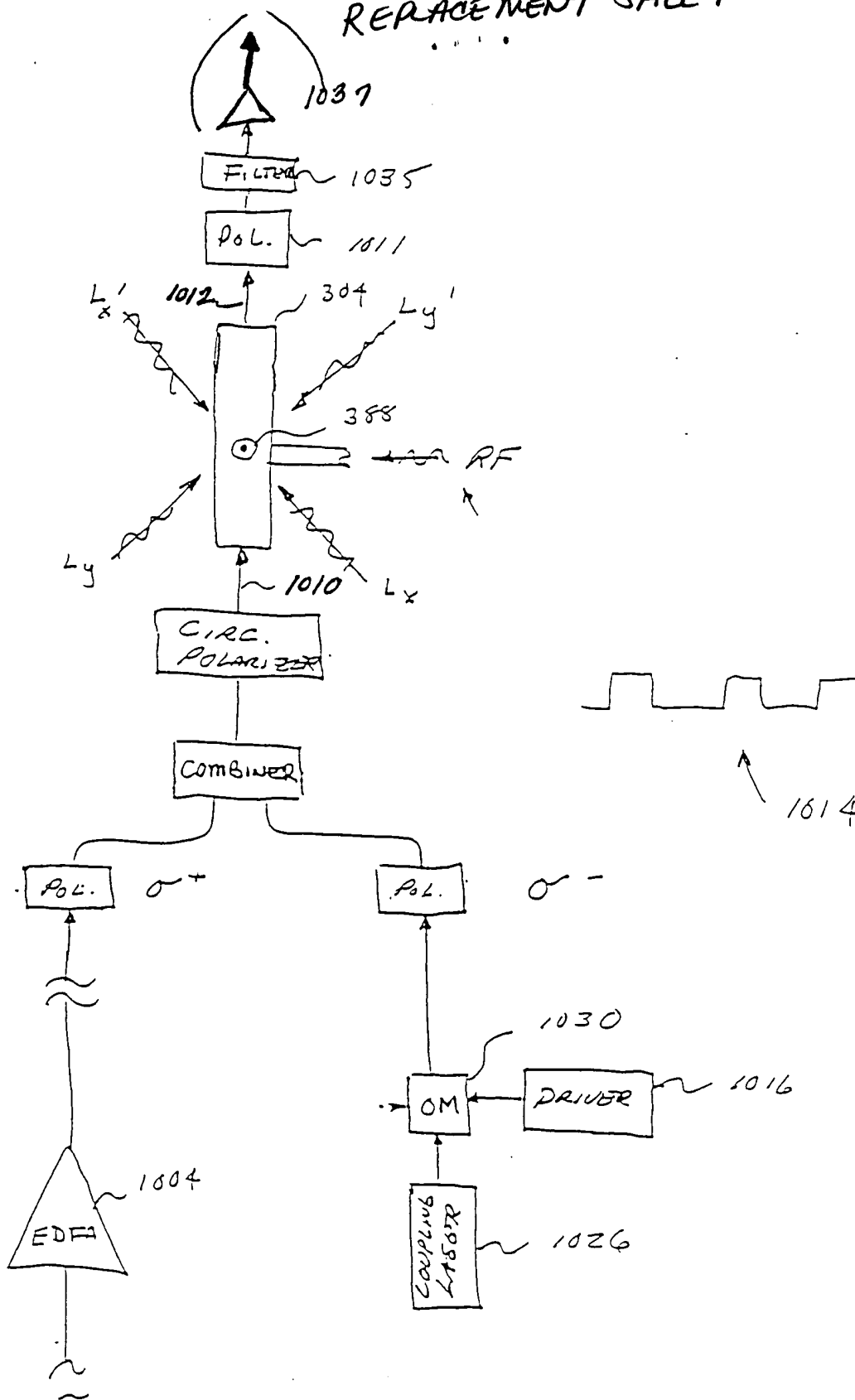


FIG. 10b

# REPLACEMENT SHEET

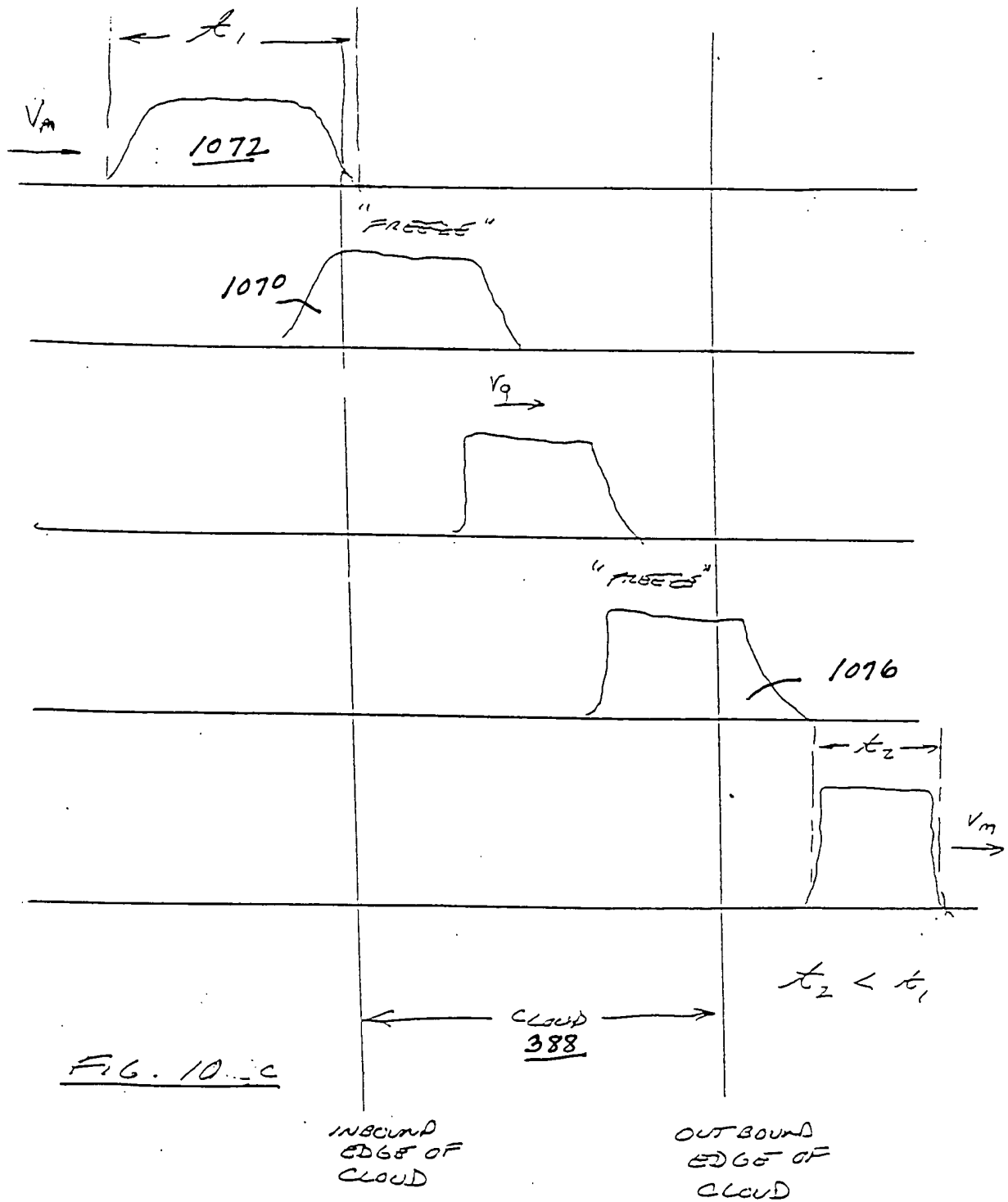


FIG. 10-c